



STEM Careers

Biologist

Job Description: There are many types of biologists. Biologists study living things and their relationship to their environment. Most work in research and development. Some work to learn more about living things such as bacteria and viruses while others use research to come up with new medicines, ways to make plants grow better or ways to protect the environment. They usually work regular hours in labs and use microscopes, computers and other equipment.

What do Biologists do?

- Design biological laboratory experiments, oversee their execution, and interpret results.
- Study the basic principles of living things, such as their origin, relationship, development, anatomy, and functions.
- Develop or improve medical, industrial, or agricultural processes or products.
- Some biologists work in management positions, supervising and coordinating research.
- Write proposals to ask for funding for research.

Your Interests:

- Do you enjoy science?
- Do you enjoy doing experiments?
- Are you interested in how animals and plants function?
- Do you work well on your own?
- Do you work well with a team?
- Do you enjoy solving mysteries or problems?

Outlook:

Average Salary - \$31.98 hourly, \$66,510 annually

Projected Job Openings – 32,000 over the next 10 years

Education/Program of Study:

- Minimum Bachelor's Degree in Biology or other appropriate field of Life Science
- To do research, a Ph.D. is recommended

Possible Areas of Expertise:

Evolution, Microbiology, Biochemistry, Physiology, Neurobiology, Biomedical Engineer

Sources:

O*NET Online

http://quest.arc.nasa.gov/people/cfs/generic/biologist_103.pdf